

**MINUTES
WATER RESOURCES COMMITTEE**

**Tuesday, March 5, 2024, at 9:00 a.m.
UNITED WATER CONSERVATION DISTRICT
Boardroom, 1701 N. Lombard Street, Oxnard CA 93030**

OPEN SESSION

Director Hasan called the meeting to order at 9:00 a.m.

ROLL CALL

Two committee members were present (Kimball and Hasan). One seat is currently vacant.

1. Public Comment

No public speakers.

**2. Approval of Minutes
Motion**

Action: M/S/C (Kimball, Hasan) to approve the January 2, 2024, minutes.

Vote: Ayes: Kimball and Hasan; Noes: None; Absent: None

3. Summary and Update on District Surface Water Conditions (Dr. Bram Sercu)

Senior Hydrologist Sercu presented a summary of reservoir releases and diversion during 2023 and provided an update on current hydrologic conditions in the Santa Clara River Watershed (presentation attached).

Director Hasan commended Mr. Sercu for a job well done and suggested the Board be presented with a summary of updates on District water conditions more frequently.

General Manager Guardado recognized District Staff for their efforts and collaboration behind the scenes resulting in record recharge despite the challenges.

4. Ventura County's Variable Climate: Implications for Water Resources Planning (Patrick O'Connell)

Senior Hydrogeologist O'Connell presented a summary of downscaled (local) climate model forecasts for future rainfall within the District's service area, to inform ongoing Groundwater Sustainability Project updates and planning of new water supply projects (presentation attached).

Water Resources Supervisor Lindquist prefaced Mr. O'Connell's presentation on how climate change is incorporated into groundwater sustainability and how regional scale forecasts would change in our area. He added that downscaled forecasts for future precipitation trends can change the view of Water Resources projects and have an impact on groundwater modeling.



A member of the public asked if the downscaled climate models include temperature changes. Mr. O'Connell responded the models capture the changes in heat that can affect rainfall.

Director Kimball urged staff to pay close attention to these forecasts and encouraged them to prepare for future droughts and storm water capture. He referred to cleaning the basins and how the current wet season should serve as a model for preparations during the next wet season.

5. Water Resources Department and GSA Activities Update (John Lindquist)

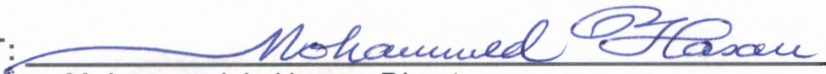
Water Resources Supervisor Lindquist presented Water Resources department updates.

FUTURE AGENDA ITEMS

ADJOURNMENT

The meeting was adjourned at 9:58 a.m.

I certify that the above is a true and correct copy of the Minutes of the Water Resources Committee Meeting of March 5, 2024.

ATTEST: 
Mohammed A. Hasan, Director



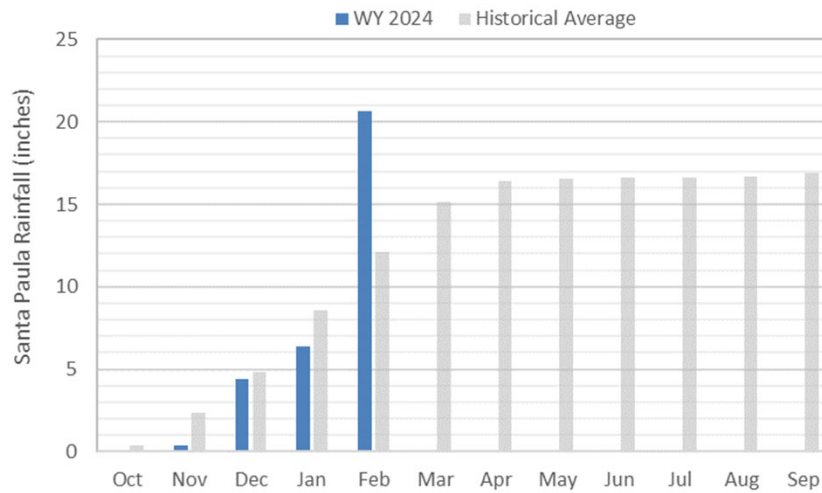
3. SUMMARY AND UPDATE ON DISTRICT SURFACE WATER CONDITIONS

Presented by: Bram Sercu, Senior Hydrologist
Water Resources Committee Meeting
March 5, 2024



1

Seasonal Rainfall



2

2

Watershed Conditions

Sespe C NR Fillmore - 11113000

January 19, 2024 - March 4, 2024

Discharge, cubic feet per second



3

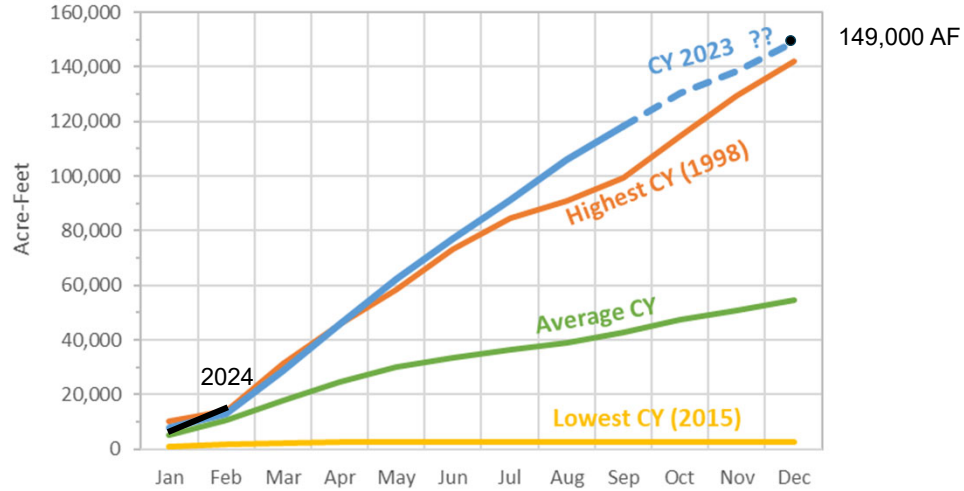
Watershed Conditions

Insert video debris in river



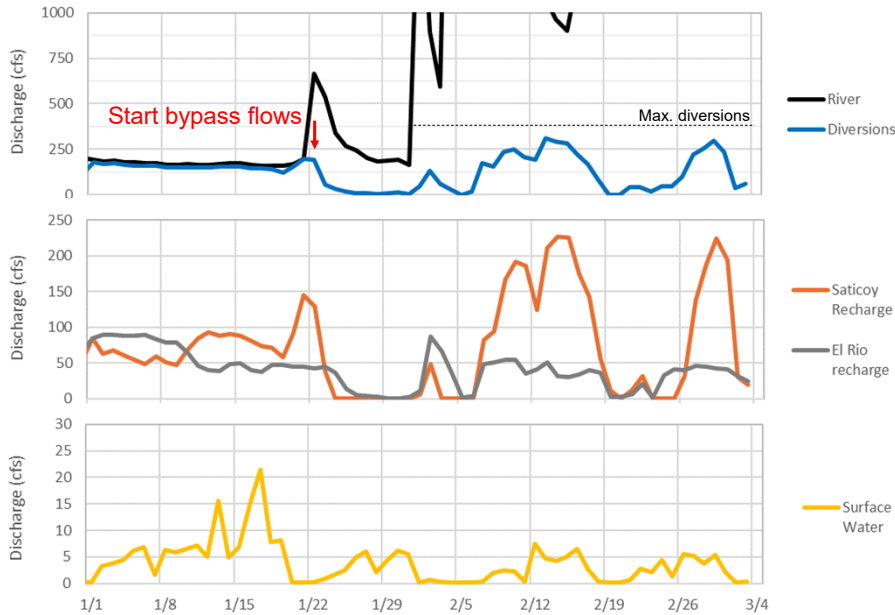
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2024 Diversions



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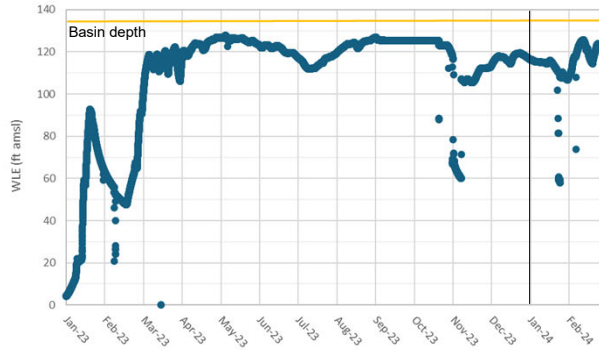
Jan-Feb Operations Summary



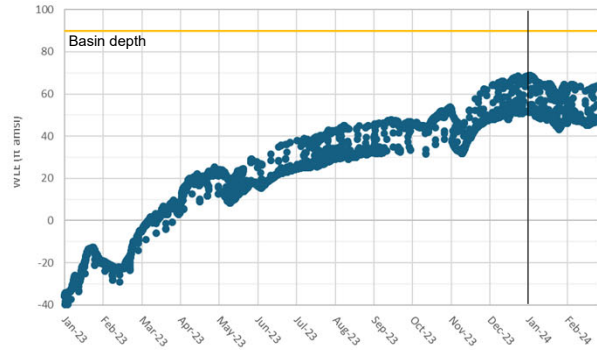
6

Saticoy/El Rio Groundwater

Saticoy Sat #2



El Rio OH-17

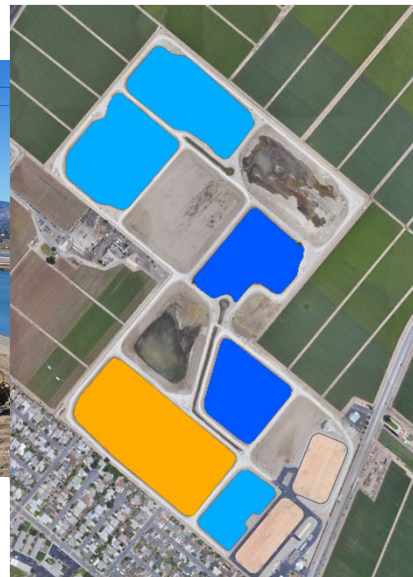


Recharge Basin Maintenance

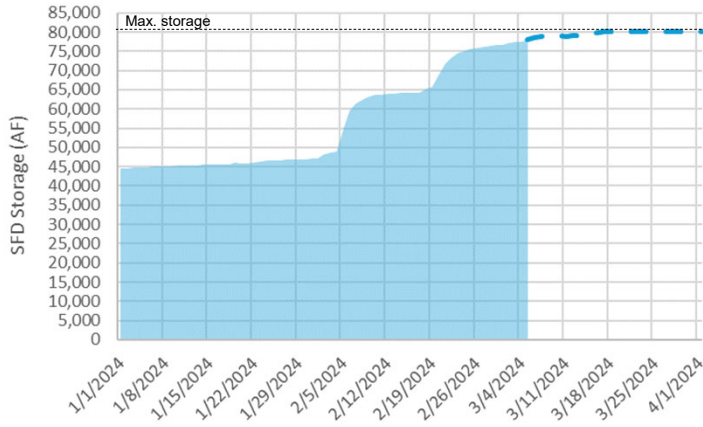
Saticoy Pond O



El Rio

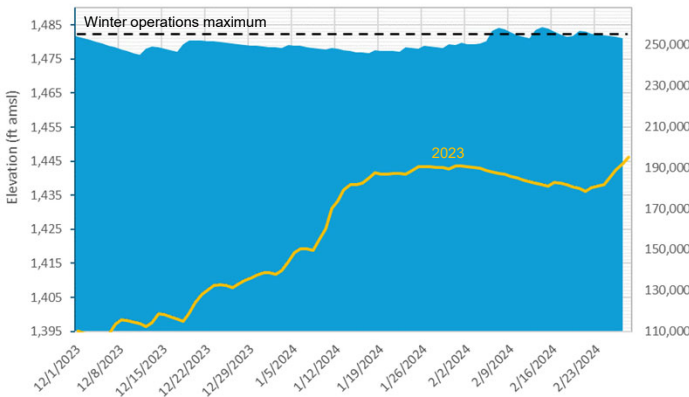


Lake Piru almost full



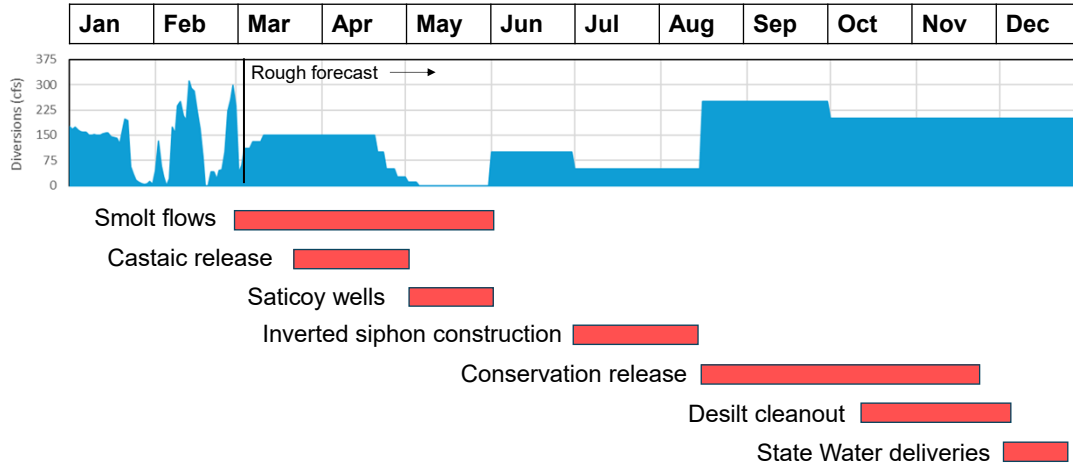
9

Castaic Lake at maximum winter storage



10

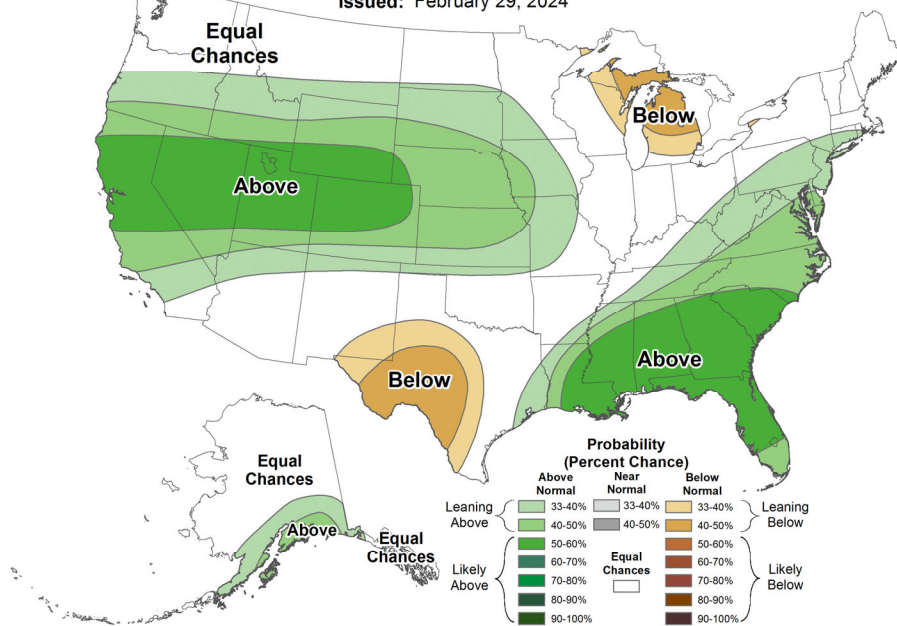
WY 2024 Planning*

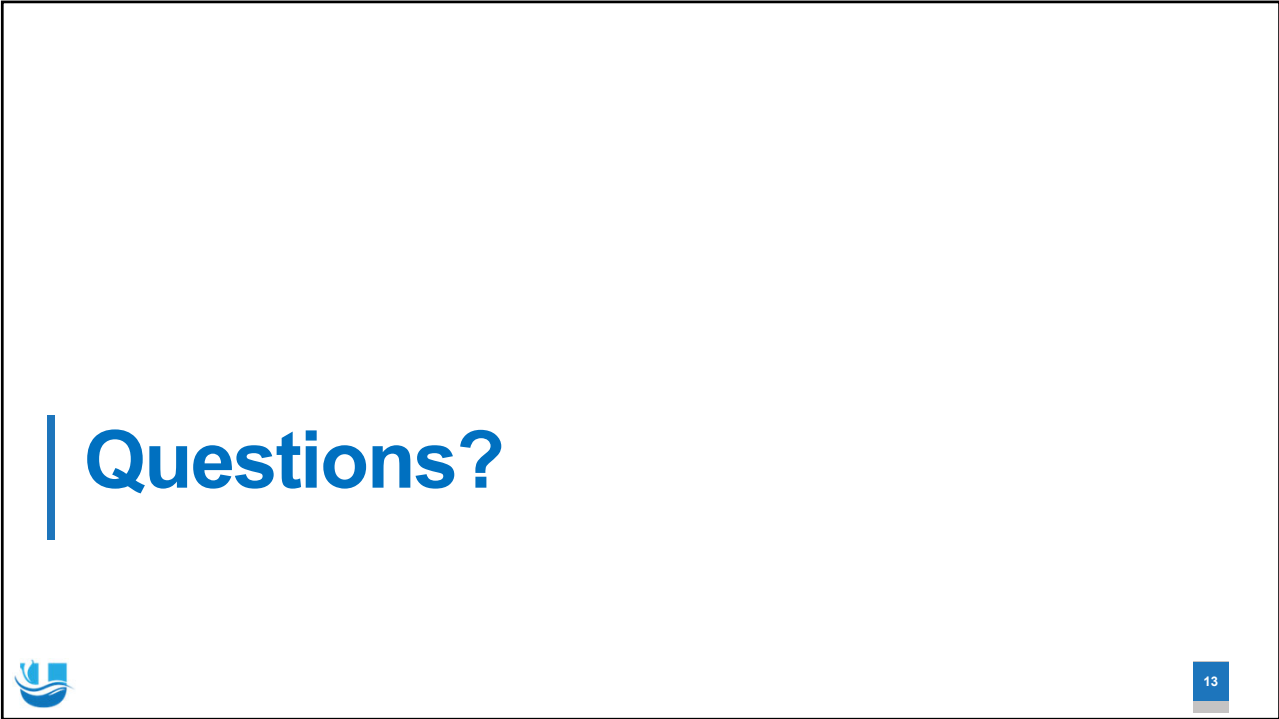


*Tentative approximate schedule for planning purposes

Monthly Precipitation Outlook

Valid: March 2024
 Issued: February 29, 2024







4. VENTURA COUNTY'S VARIABLE CLIMATE: IMPLICATIONS FOR WATER RESOURCES PLANNING

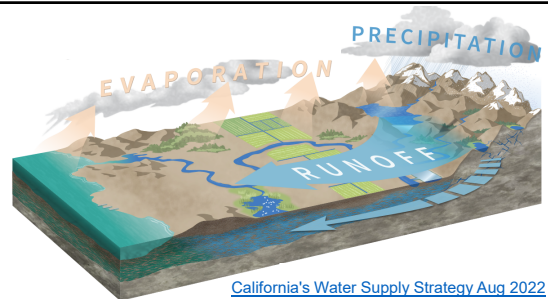
Presented by: Patrick O'Connell, Senior Hydrogeologist
UWCD Water Resources Committee Meeting
March 5, 2024



1

Outline

- Introduction



- Climate variability in Ventura County

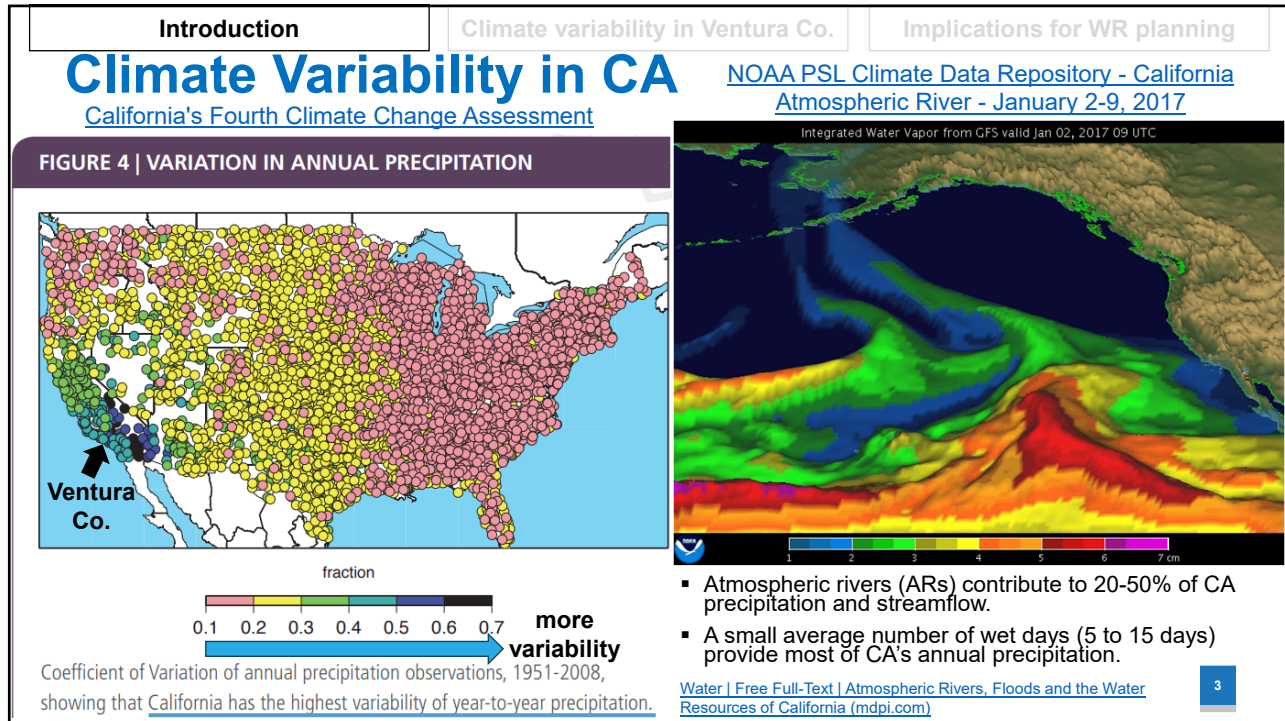
- ...according to *local data*
- ...according to *downscaled Global Circulation Models (GCMs)*

- Implications for water resources planning

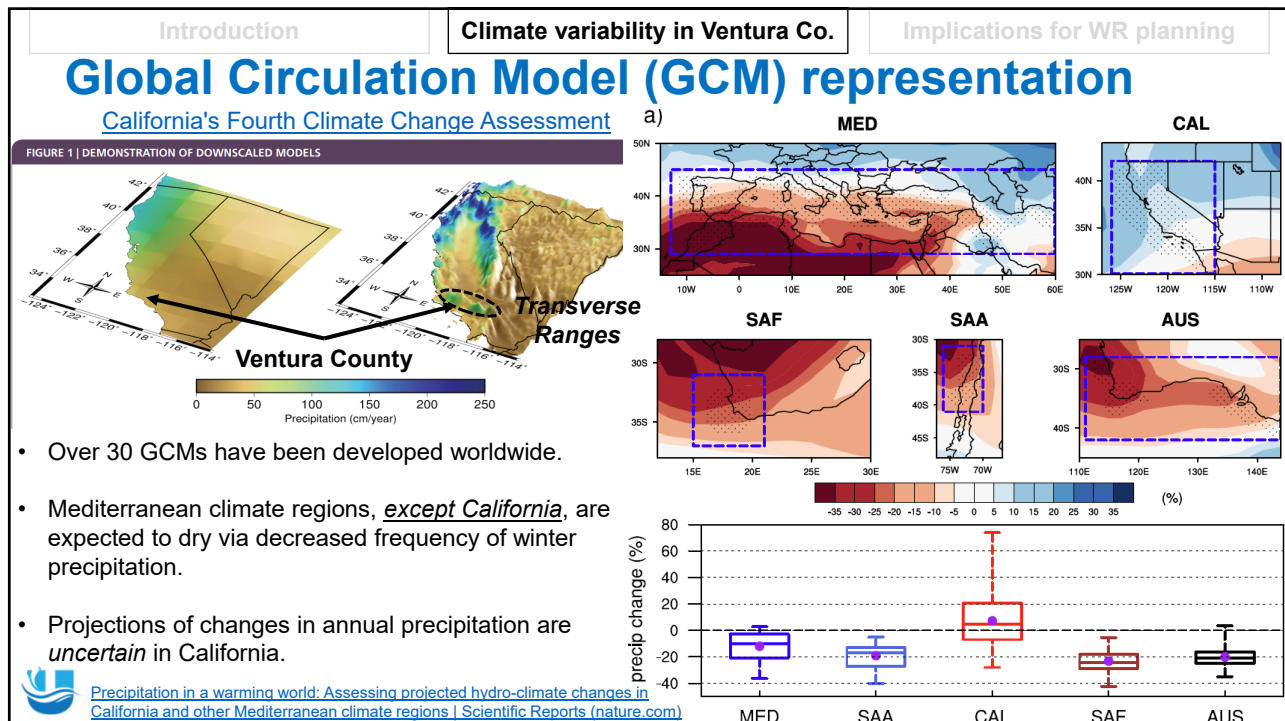


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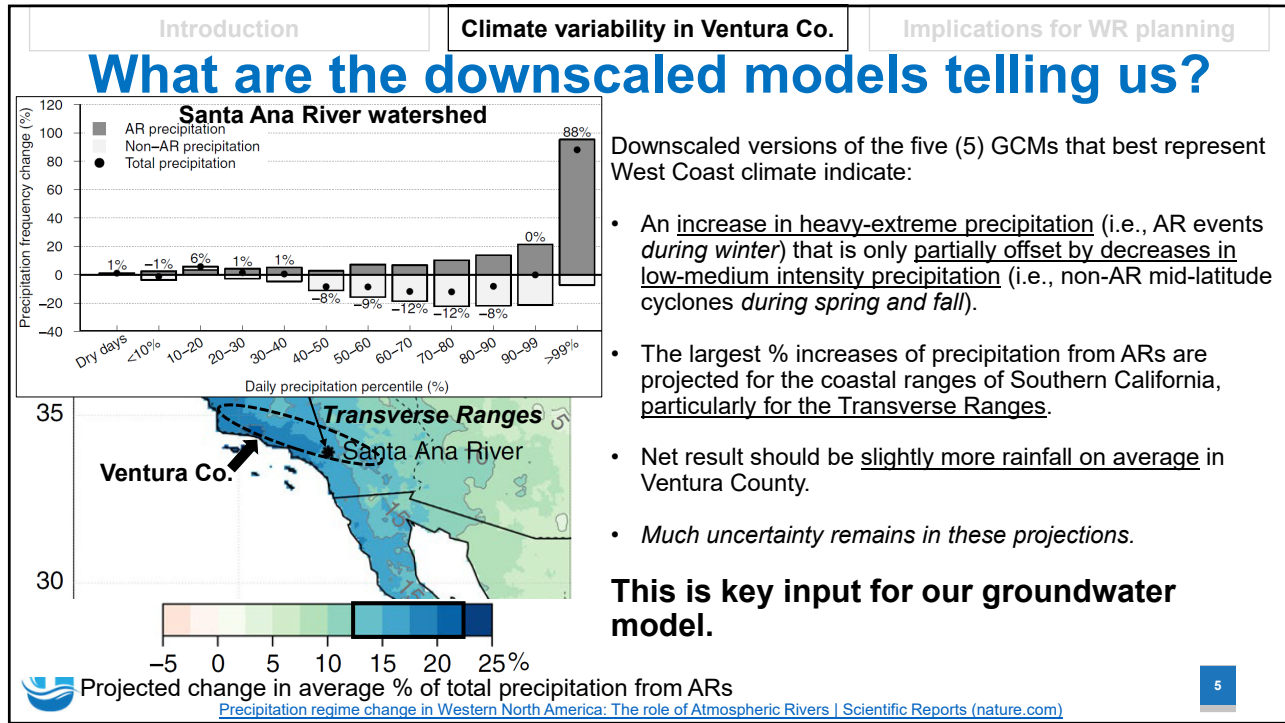
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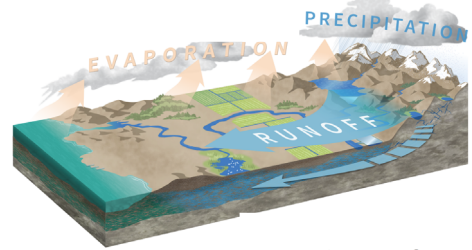


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Questions?



[Piru, California | Flickr - Photo Sharing!](#)



[An aerial view of the Santa Clara River during a flood in 2005 | FWS.gov](#)

